

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 09/885,731A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics  
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino  
Numbering The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0  
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences  
(OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences  
(NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9 Use of n's or Xaa's  
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.
- 10 Invalid <213>  
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence *do not combine responses*
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0  
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



1655

## RAW SEQUENCE LISTING

DATE: 02/05/2002

PATENT APPLICATION: US/09/885,731A

TIME: 14:02:25

Input Set : A:\SeqList.ST25.txt

Output Set: N:\CRF3\02052002\I885731A.raw

**Does Not Comply  
Corrected Diskette Needed**

*pp 1, 3-4, 6*

3 <110> APPLICANT: Erikson, Glen  
 4 Daksis, Jasmine  
 5 Kandic, Ivana  
 6 Picard, Pierre  
 8 <120> TITLE OF INVENTION: NUCLEIC ACID MULTIPLEX FORMATION  
 10 <130> FILE REFERENCE: E1047/20056  
 12 <140> CURRENT APPLICATION NUMBER: 09/885,731A  
 13 <141> CURRENT FILING DATE: 2001-06-20  
 15 <150> PRIOR APPLICATION NUMBER: 09/664,827  
 16 <151> PRIOR FILING DATE: 2000-09-19  
 18 <150> PRIOR APPLICATION NUMBER: 09/613,263  
 19 <151> PRIOR FILING DATE: 2000-07-10  
 21 <150> PRIOR APPLICATION NUMBER: 09/468,679  
 22 <151> PRIOR FILING DATE: 1999-12-21  
 24 <160> NUMBER OF SEQ ID NOS: 15  
 26 <170> SOFTWARE: PatentIn version 3.0  
 28 <210> SEQ ID NO: 1  
 29 <211> LENGTH: 50  
 30 <212> TYPE: DNA  
 C--> 31 <213> ORGANISM: Artificial/Unknown *invalid - see item 10 on Env Summary Sheet*  
 33 <220> FEATURE:  
 34 <221> NAME/KEY: misc\_feature  
 35 <223> OTHER INFORMATION: Description of Artificial Sequence: derived from exon 10 of  
 the h  
 36 uman cystic fibrosis gen gene?  
 39 <400> SEQUENCE: 1  
 40 tggcaccatt aaagaaaata tcattctttgg tgtttcctat gatgaatata 50  
 43 <210> SEQ ID NO: 2  
 44 <211> LENGTH: 50  
 45 <212> TYPE: DNA  
 C--> 46 <213> ORGANISM: Artificial/Unknown  
 48 <220> FEATURE:  
 49 <221> NAME/KEY: misc\_feature  
 50 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence  
 derived f  
 51 rom exon 10 of the human cystic fibrosis gen  
 54 <400> SEQUENCE: 2  
 55 tggcaccatt aaagaaaata tcgtctttgg tgtttcctat gatgaatata 50  
 58 <210> SEQ ID NO: 3  
 59 <211> LENGTH: 50  
 60 <212> TYPE: DNA  
 C--> 61 <213> ORGANISM: Artificial/Unknown  
 63 <220> FEATURE:  
 64 <221> NAME/KEY: misc\_feature

65 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence derived f

## RAW SEQUENCE LISTING

DATE: 02/05/2002

PATENT APPLICATION: US/09/885,731A

TIME: 14:02:25

Input Set : A:\SeqList.ST25.txt

Output Set: N:\CRF3\02052002\I885731A.raw

```

66      rom exon 10 of the human cystic fibrosis (gen)
69 <400> SEQUENCE: 3
70 tggcaccatt aaagaaaata tactctttgg tgtttcctat gatgaatata      50
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 50
75 <212> TYPE: DNA
C--> 76 <213> ORGANISM: Artificial/Unknown
78 <220> FEATURE:
79 <221> NAME/KEY: misc_feature
80 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
81      rom exon 10 of the human cystic fibrosis (gen)
84 <400> SEQUENCE: 4
85 tggcaccatt aaagaaaata tacgctttgg tgtttcctat gatgaatata      50
88 <210> SEQ ID NO: 5
89 <211> LENGTH: 47
90 <212> TYPE: DNA
C--> 91 <213> ORGANISM: Artificial/Unknown
93 <220> FEATURE:
94 <221> NAME/KEY: misc_feature
95 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
96      rom exon 10 of the human cystic fibrosis (gen)
99 <400> SEQUENCE: 5
100 tggcaccatt aaagaaaata tcattggtgt ttctatgat gaatata      47
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 50
105 <212> TYPE: DNA
C--> 106 <213> ORGANISM: Artificial/Unknown
108 <220> FEATURE:
109 <221> NAME/KEY: misc_feature
110 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
111      rom exon 10 of the human cystic fibrosis (gen)
114 <400> SEQUENCE: 6
115 gagcaccatg acagacactg tcattctctgg tgtgtcctac gatgactctg      50
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 50
120 <212> TYPE: DNA
C--> 121 <213> ORGANISM: Artificial/Unknown
123 <220> FEATURE:
124 <221> NAME/KEY: misc_feature
125 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
126      rom exon 10 of the human cystic fibrosis (gen)
129 <400> SEQUENCE: 7
130 gagcaccatg acagacactg tcattcttgg tgtgtcctac gatgactctg      50
133 <210> SEQ ID NO: 8
134 <211> LENGTH: 50
135 <212> TYPE: DNA
C--> 136 <213> ORGANISM: Artificial/Unknown
138 <220> FEATURE:
139 <221> NAME/KEY: misc_feature

```

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/885,731A

DATE: 02/05/2002  
TIME: 14:02:25

Input Set : A:\SeqList.ST25.txt  
Output Set: N:\CRF3\02052002\I885731A.raw

```

140 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
141      rom exon 10 of the human cystic fibrosis (gen)
144 <400> SEQUENCE: 8
145 gagcaccatg acagacactg tcgtctctgg tgtgtcctac gatgactctg      50
148 <210> SEQ ID NO: 9
149 <211> LENGTH: 50
150 <212> TYPE: DNA
C--> 151 <213> ORGANISM: (Artificial/Unknown)
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
156      rom exon 10 of the human cystic fibrosis (gen)
159 <400> SEQUENCE: 9
160 gagcaccatg acagacactg tcttctctgg tgtgtcctac gatgactctg      50
163 <210> SEQ ID NO: 10
164 <211> LENGTH: 50
165 <212> TYPE: DNA
C--> 166 <213> ORGANISM: (Artificial/Unknown)
168 <220> FEATURE:
169 <221> NAME/KEY: misc_feature
170 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
171      rom exon 10 of the human cystic fibrosis (gen)
174 <400> SEQUENCE: 10
175 gagcaccatg acagacactg tcacccctgg tgtgtcctac gatgactctg      50
178 <210> SEQ ID NO: 11
179 <211> LENGTH: 50
180 <212> TYPE: DNA
C--> 181 <213> ORGANISM: (Artificial/Unknown)
183 <220> FEATURE:
184 <221> NAME/KEY: misc_feature
185 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
186      rom exon 10 of the human cystic fibrosis (gen)
189 <400> SEQUENCE: 11
190 gagcaccatg acagacactg tcacgcctgg tgtgtcctac gatgactctg      50
193 <210> SEQ ID NO: 12
194 <211> LENGTH: 50
195 <212> TYPE: DNA
C--> 196 <213> ORGANISM: (Artificial/Unknown)
198 <220> FEATURE:
199 <221> NAME/KEY: misc_feature
200 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
201      rom exon 10 of the human cystic fibrosis (gen)
204 <400> SEQUENCE: 12
205 gagcaccatg acagacactg tactctctgg tgtgtcctac gatgactctg      50
208 <210> SEQ ID NO: 13
209 <211> LENGTH: 50
210 <212> TYPE: DNA
C--> 211 <213> ORGANISM: (Artificial/Unknown)

```

• 213 <220> FEATURE:

## RAW SEQUENCE LISTING

DATE: 02/05/2002

PATENT APPLICATION: US/09/885,731A

TIME: 14:02:25

Input Set : A:\SeqList.ST25.txt

Output Set: N:\CRF3\02052002\I885731A.raw

```
214 <221> NAME/KEY: misc_feature
215 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
216      rom exon 10 of the human cystic fibrosis (gen)
219 <400> SEQUENCE: 13
220 gagcaccctc ccaggcacgg tcgtccctgg tgcgacctcc gacgagcgtg      50
223 <210> SEQ ID NO: 14
224 <211> LENGTH: 50
225 <212> TYPE: DNA
C--> 226 <213> ORGANISM: (Artificial/Unknown)
228 <220> FEATURE:
229 <221> NAME/KEY: misc_feature
230 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
231      rom exon 10 of the human cystic fibrosis (gen)
234 <400> SEQUENCE: 14
235 gagcaccctc ccaggcacgg tcattccctgg tgcgacctcc gacgagcgtg      50
238 <210> SEQ ID NO: 15
239 <211> LENGTH: 50
240 <212> TYPE: DNA
C--> 241 <213> ORGANISM: (Artificial/Unknown)
243 <220> FEATURE:
244 <221> NAME/KEY: misc_feature
245 <223> OTHER INFORMATION: Description of Artificial Sequence: variant of sequence
derived f
246      rom exon 10 of the human cystic fibrosis (gen)
249 <400> SEQUENCE: 15
250 gagcaccctc ccaggcacgg tattccctgg tgcgacctcc gacgagcgtg      50
```

## VERIFICATION SUMMARY

DATE: 02/05/2002

PATENT APPLICATION: US/09/885,731A

TIME: 14:02:26

Input Set : A:\SeqList.ST25.txt

Output Set: N:\CRF3\02052002\I885731A.raw

L:31 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:46 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:61 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:76 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:91 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:106 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:121 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:136 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:151 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:166 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10  
L:181 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11  
L:196 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:211 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:226 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14  
L:241 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15